Record Plat: 37EE1 Node: 023 Status: Found Insp Date: 1/18/07 11:28 AM Crew; WM, BC Inspector: Morris, W Firm: RKK Location Address: 514 CHESTNUT HILL AVE Cross Street: GREENMOUNT AVE Manhole Type: Inline Location: Sidewalk Ground Conditions: Dry	Manhole Inspection Summary M				lanhole # S37EE1023MH		
Record Plat: 37EE1 Node: 023 Status: Found	rinted On: 12/1	7/2008			Page '	1 of 3	
Crew: WM, BC Inspector: Morris, W Firm: RKK Location Address: 514 CHESTNUT HILL AVE Cross Street: GREENMOUNT AVE Manhole Type: Inline Location: Sidewalk Ground Conditions: Dry Prev. Rehab Weather: Dry Subject To Ponding: None Cower Shape: Circular Type: Sanitary Condition: Sound Cover Material: Cast Iron Properties: Bolted Vented Water Tight Water Tight Insert Frame Offset: 0 (in.) Condition: Sound Cracked Leaks Chimney / Frame Adjustment Exists Material: Parged Height: (in.) Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Corbel Material: Brick Parged Type: Concentric/Eccentric Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Barrel Material: Brick Parged Shape: Circular Diameter: 42 (in.) Length: (in.) Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Barrel Material: Brick Parged Shape: Circular Diameter: 42 (in.) Length: (in.) Condition: Sound Cracked Root Intrusion Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Bench Exists Material: Brick Parged Debris (not Condition related) Channel Material: Brick Parged Debris (not Condition related) Channel Exposure: Fully Open Junc Dist: 0 nearest. 5 ft. Azimuth: Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Channel Kyposure: Fully Open Junc Dist: 0 nearest. 5 ft. Azimuth: Condition: Sound Cracked Root Intrusion Poteriorated Leaks Debris	Inspection	☐ Is Incomplete	Rating: 4) Poor				
Inspector: Morris, W Firm: RKK Cross Street: GREENMOUNT AVE Manhole Type: Inline Location: Sidewalk Ground Conditions: Dry Prev. Rehab Weather: Dry Subject To Ponding: None Comments Cover Shape: Circular Type: Sanitary Condition: Sound Cover Material: Cast Iron Properties: Bolted Vented Water Tight Water Tight Insert Frame Offset: 0 (in.) Condition: Sound Cracked Leaks Chimney / Frame Adjustment Exists Material: Parged Type: Concentric/Eccentric Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Barrel Material: Brick Parged Shape: Circular Diameter: 42 (in.) Length: (in.) Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Barrel Material: Brick Parged Shape: Circular Diameter: 42 (in.) Length: (in.) Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Bench Zexists Material: Brick Parged Debris (in.) Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Bench Zexists Material: Brick Parged Debris (in.) Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Channel Material: Brick Parged Debris (not Condition related) Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris	Record Plat: 37	'EE1 Node: 023	Status: Found		Insp Date: 1/18/07 1	1:28 AM	
Firm: RKK	ncomplete Cor	nments			Crew: WM, BC		
Address: 514 CHESTNUT HILL AVE Cross Street: GREENMOUNT AVE					•		
Type: Inline					Firm: RKK		
Comments Prev. Rehab Weather: Dry Subject To Ponding: None	Location	Address: 514 CHES	STNUT HILL AVE	С	ross Street: GREENMOUN	T AVE	
Cover Shape: Circular	Manhole	Type: Inline	Location: Sidewalk	G	round Conditions: Dry		
Cover Shape: Circular		Prev. Rehab	Weather: Dry	Su	bject To Ponding: None		
Type: Sanitary	Comments						
Type: Sanitary							
Properties: Bolted Vented Water Tight Water Tight Insert Frame Offset: 0 (in.) Condition: Sound Cracked Leaks Chimney / Frame Adjustment Exists Material: Parged Height: (in.) Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Corbel Material: Brick Parged Type: Concentric/Eccentric Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None V Joint Cracks Mortar Roots V Wall Barrel Material: Brick Parged Shape: Circular Diameter: 42 (in.) Length: (in.) Condition: Sound Cracked Root Intrusion Loose Brick V Deteriorated Infiltration: None Joint Cracks V Mortar Roots V Wall Bench Exists Material: Brick Parged Debris (not Condition related) Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Channel Material: Brick Parged Debris (not Condition related) Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: Condition: Sound Cracked Root Intrusion V Deteriorated Leaks Debris Condition: Sound Cracked Root Intrusion V Deteriorated Leaks Debris Condition: Sound Cracked Root Intrusion V Deteriorated Leaks Debris Condition: Sound Cracked Root Intrusion V Deteriorated Leaks Debris Condition: Sound Cracked Root Intrusion V Deteriorated Leaks Debris Condition: Sound Cracked Root Intrusion V Deteriorated Leaks Debris Condition: Sound Cracked Root Intrusion V Deteriorated Leaks Debris	Cover	Shape: Circular	•	, -	, ,	(in.)	
Condition: Sound Cracked Leaks		Type: Sanitary	Condition: Sound	d	Cover Material: Cast Iron		
Chimney / Frame Adjustment	Properties:	☐ Bolted ☐ Vent	ted Water Tight] Water Tigl	ht Insert		
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Corbel Material: Brick	Condition:	Sound Crack	ked ☐ Root Intrusion	☐ Loose B	rick Deteriorated		
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Barrel Material: Brick Parged Shape: Circular Diameter: 42 (in.) Length: (in.) Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Bench Exists Material: Brick Parged Debris (not Condition related) Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Channel Material: Brick Parged Debris (not Condition related) Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Steps Count: 4 Missing: 0 Corroded	Infiltration:	☐ None ☐ Joint	☐ Cracks ☐ Mortar	Roots	☐ Wall		
Infiltration: None Joint Cracks Mortar Roots Wall Barrel Material: Brick Parged Shape: Circular Diameter: 42 (in.) Length: (in.) Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Bench Exists Material: Brick Parged Debris (not Condition related) Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Channel Material: Brick Parged Debris (not Condition related) Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Steps Count: 4 Missing: 0 Corroded	Corbel	Material: Brick	☐ Pargeo	d Type: C	oncentric/Eccentric		
Barrel Material: Brick	Condition:	✓ Sound ☐ Crack	ked ☐ Root Intrusion	☐ Loose B	rick Deteriorated		
Shape: Circular Diameter: 42 (in.) Length: (in.) Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Bench Exists Material: Brick Parged Debris (not Condition related) Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Channel Material: Brick Parged Debris (not Condition related) Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris	Infiltration:	☐ None ✓ Joint	☐ Cracks ☐ Morta	r 🗌 Roots	s 🗸 Wall		
Condition: Sound Cracked Root Intrusion Loose Brick Deteriorated Infiltration: None Joint Cracks Mortar Roots Wall Bench Exists Material: Brick Parged Debris (not Condition related) Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Channel Material: Brick Parged Debris (not Condition related) Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Steps Count: 4 Missing: 0 Corroded	Barrel	Material: Brick	☐ Pargeo	<u> </u>			
Infiltration: None Joint Cracks Mortar Roots Wall Bench Exists Material: Brick Parged Debris (not Condition related) Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Channel Material: Brick Parged Debris (not Condition related) Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Steps Count: 4 Missing: 0 Corroded	Shape:	Circular D	iameter: 42 (in.) Lengtl	h: (in.)			
Bench ✓ Exists Material: Brick Parged ✓ Debris (not Condition related) Condition: ✓ Sound Cracked Root Intrusion Deteriorated Leaks Debris Channel Material: Brick Parged Debris (not Condition related) Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: Condition: Sound Cracked Root Intrusion ✓ Deteriorated Leaks Debris Steps Count: 4 Missing: 0 Corroded	Condition:	☐ Sound ☐ Crack	ked ☐ Root Intrusion	☐ Loose B	rick		
Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Channel Material: Brick Debris (not Condition related) Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Steps Count: 4 Missing: 0 Corroded	Infiltration:	☐ None ☐ Joint	Cracks Morta	r 🗌 Roots	s 🗸 Wall		
Channel Material: Brick □ Parged □ Debris (not Condition related) Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: Condition: □ Sound □ Cracked □ Root Intrusion ☑ Deteriorated □ Leaks □ Debris Steps Count: 4 Missing: 0 □ Corroded	Bench	✓ Exists Material:	Brick	☐ Parged	✓ Debris (not Condition r	elated)	
Channel Exposure: Fully Open Junc Dist: 0 nearest .5 ft. Azimuth: Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ✓ Deteriorated ☐ Leaks ☐ Debris Steps Count: 4 Missing: 0 ☐ Corroded	Condition:	✓ Sound ☐ Crack	ked ☐ Root Intrusion	Deterior	ated Leaks Debri	S	
Condition: Sound Cracked Root Intrusion Deteriorated Leaks Debris Steps Count: 4 Missing: 0 Corroded	Channel	Material: Brick	☐ Pargeo	d Debris	s (not Condition related)		
Steps Count: 4 Missing: 0 Corroded	Channel E	xposure: Fully Oper		_	ft. Azimuth:		
	Condition:	Sound Crack	ked ☐ Root Intrusion	✓ Deterior	rated Leaks Debri	S	
Surcharge	Steps	Count: 4 Missing	g: 0 Corroded				
	Surcharge	✓ Evidence Of Su	rcharge Depth: 1.5 (ft	.) 🗆 Active	Surcharge Present		

Manhole Inspection Summary

Manhole # S37EE1023MH

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Location View



Defect



Frame leaks. Corbel and Barrel infiltration.

Top View



Evidence of surcharge - Bench debris.

Manhole Inspection Summary

Manhole # S37EE1023MH

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8 in. Circular Gravity Sewer Pipe Out @ 12 O'Clock



Barrel deterioration and infiltration. Channel deterioration.

Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 8.79 (ft.) Flow Characteristics: Slow

Deposits: ot V None ot Mud ot Sludge ot Debris ot Grease

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Cracked

Drop: None

Connects To: Manhole

Possible Illicit Connection

8 in. Circular Gravity Sewer Pipe In @ 6 O'Clock



Barrel deterioration and infiltration. Channel deterioration.

Rod and Bar (Angled)

Pipe Material: Clay

Invert Depth: 8.51 (ft.) Flow Characteristics: Slow

Silt Depth: (in.) Deposits Extent:

Infiltration: None Pipe Seal Cond: Cracked

Drop: None

Connects To: Manhole

☐ Possible Illicit Connection